CLAIMS:

1. Method for handling data, wherein data are recorded at a data storage medium (4) and physical information on erroneous recorded data are identified, characterised in that for handling data at a file system logical information on the erroneous recorded data are identified and registered at a file system layer (2, 2a) during or immediately subsequent the recording of data.

2. Method as claimed in claim 1, characterised in that the handling is adapted for real-time handling of data.

3. Method as claimed in claim 1 or claim 2, characterised in that identified physical information on the erroneous recorded data are registered to a file system layer (2, 2a) during or immediately subsequent the recording of data.

4. Method as claimed in any one of the preceding claims, characterised in that any data not recorded due to predetermined time restrictions are identified as erroneous recorded data.

5. Method as claimed in any one of the preceding claims, characterised in that the erroneous recorded data are comprised by a latest recorded data stream are registered at a file system layer (2, 2a) during or immediately subsequent the recording of data.

6. Method as claimed in any one of the preceding claims, characterised in that the logical information includes one or more items selected from the group consisting of: the erroneous recorded data of a file, at least part of the data stream recorded latest, software identifier marks of erroneous recorded data of a file, location of erroneous recorded data in a file, in particular identifying a logical address space and/or range as defective or erroneous areas of the file, e. g. in terms of logical allocation units or bytes.

7. Method as claimed in any one of the preceding claims, characterised in that the logical information in the file system layer (2, 2a) is communicated, in particular by an application programming interface or a driver, to an application layer (1), a host system layer or a further higher up layer.

8. Method as claimed in any one of the preceding claims, characterised in that the handling comprises recording and reproducing of data at a data storage medium (4).

9. Method as claimed in any one of the preceding claims, characterised in that the logical information on erroneous recorded data are applied to retrieve the erroneous recorded data properly during reproduction of the data.

10. Method as claimed in any one of the preceding claims, characterised in that reproduction of data includes one or more items selected from the group consisting of: read-back of data, background repairing of data.

11. Method as claimed in any one of the preceding claims, characterised in that the logical information are applied to retrieve the erroneous recorded data, which includes one or more items selected from the group consisting of: repair of erroneous recorded data, extra transmitting of erroneous recorded data, storing of the logical information and later-on-repair of the erroneous recorded data, replacement of erroneous recorded data, in particular by MPEG-data.

12. Data storage system comprising a data storage medium (4) and a file system, characterised by further comprising a filter driver for identifying and registering logical information of erroneous recorded data at a file system layer (2, 2a) during or immediately subsequent the recording of data.

13. Data storage system as claimed in claim 12, characterised in that the system further comprises a registration means comprised by the file system layer (2, 2a), in particular an administration layer.

14. Data storage system as claimed in claim 12 or 13 further comprising an application layer (1) and a communication means, in particular an application programming

interface or a device driver, for communicating erroneous recorded data between the file system layer (2, 2a) and the application layer (1).

15. File system comprising a file system layer (2, 2a) and a filter driver, storable on a computer readable medium for identifying and registering logical information on erroneous recorded data at the file system layer (2, 2a) during or immediately subsequent to the recording of data.

16. Computer program product storable on a medium readable by a computer system comprising a software code section which induces to execute the method as claimed in any one of the preceding method claims when the product is executed on a computer system.

17. Apparatus for reproducing audiovisual information, comprising the data storage system according to claim 12-14.